



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Lewis, et al.

Application No.: 09/842,204

Filed: 4/24/2001

For: Spatiotemporal and geometric
optimization of sensor arrays for
detecting

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)
) Group Art Unit: 1743

)
) Examiner: Sines, Brian J.

)
) Confirmation No.: 5403

**CHANGE OF CORRESPONDENCE ADDRESS &
REVOCATION AND NEW POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As an Assignee of an interest in the above-identified application, all powers of attorney previously given are hereby revoked, and I hereby appoint the attorneys and agents associated with the following PTO Customer Number of Burns, Doane, Swecker & Mathis, L.L.P. to prosecute said application and to transact all business in the Patent and Trademark Office connected herewith and to file, prosecute and transact all business in connection with the above-identified application:

Customer Number 4 1 7 9 0

The Assignee has reviewed documentary evidence of the chain of title from the original owner to the Assignee, and certifies that to the best of its knowledge and belief it is an owner of right, title and interest in and to the above-identified application.

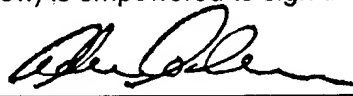
Please change the Correspondence Address for the above-identified application to Customer Number 41790.

Please direct all telephone calls and correspondence to:

Joseph R. Baker, Reg. No. 40,900
Burns, Doane, Swecker & Mathis, L.L.P.
402 W. Broadway, Suite 400
San Diego, CA 92101-3542
(619) 446-5600 telephone
(619) 446-5620 facsimile

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date MAR - 2 2005

Signature: 
Name: Adam Cochran
Title: The Intellectual Property Counsel
Company: California Institute of Technology

ASSIGNMENT

For valuable consideration, we, NATHAN S. LEWIS, PH.D. of 5259 Gould Avenue La Canada, CA 91011, MICHAEL S. FREUND, PH.D. of 329 W. Highland Avenue Sierra Madre, CA 91024, SHAWN M. BRIGLIN of 442 South Catalina Avenue #302 Pasadena, CA 91106, hereby assign to:

California Institute of Technology, a corporation of non-profit having a place of business at:
1200 East California Boulevard
Pasadena, CA 91125; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled SPATIOTEMPORAL AND GEOMETRIC OPTIMIZATION OF SENSOR ARRAYS FOR DETECTING ANALYTES FLUIDS, filed April 24, 2001, and assigned U.S. Serial Number 09/842,204, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Attorney Docket No: 06618-896001/CIT 2976-CIP

IN WITNESS WHEREOF, I hereto set my hand and seal at Pasadena, CA
this 26 day of JUNE, 2003
Nathan S. Lewis L.S.
NATHAN S. LEWIS, PH.D.

State of California :
: ss.
County of Los Angeles :

Before me this _____ day of _____, 20_____, personally
appeared NATHAN S. LEWIS, PH.D. known to me to be the person whose name is subscribed
to the foregoing Assignment and acknowledged that he executed the same as his free act and
deed for the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at City of Winnipeg,
this 31 day of March, 2003
[Signature] L.S.
MICHAEL S. FREUND, PH.D.

State of PROVINCE OF MANITOBA, CANADA

: ss.

County of _____ :

Before me this 31st day of MARCH, 2003, personally
appeared MICHAEL S. FREUND, PH.D. known to me to be the person whose name is
subscribed to the foregoing Assignment and acknowledged that he executed the same as his free
act and deed for the purposes therein contained.

[Signature]
Notary Public

My Commission Expires: DOES NOT EXPIRE

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Pasadena, CA
this 22nd day of November, 2002
Shawn M. Briglin
SHAWN M. BRIGLIN L.S.

State of _____
: ss.
County of _____

Before me this _____ day of _____, 20____, personally
appeared SHAWN M. BRIGLIN known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]